

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>NEW MEXICO, Southeast</b>				
<b>EDDY COUNTY</b>				
ARTESIA	05/02/07 03:40 MST		0	Hail (0.75 in)
	05/02/07 03:40 MST		0	32.83N, 104.4W
<b>EDDY COUNTY</b>				
ARTESIA 10.0 NW CARLSBAD	05/02/07 03:40 MST		0	Flash Flood (due to Heavy Rain)
	05/02/07 08:30 MST		0	32.83N, 104.4W ~ 32.522N, 104.351W
At least seven inches of water was flowing over the roads in Artesia. The city closed low water crossings across Eagle Draw because of flooding across these crossings. One accident occurred when the driver lost control of the vehicle after driving into high water. The driver sustained minor injuries. One to two feet of water flowed over New Mexico Highway 137 from its intersection with U.S. Highway 285 for six miles west.				
<b>EDDY COUNTY</b>				
12.0 NW (CNM)CARLSBAD ARPT	05/02/07 17:08 MST		0	Flash Flood (due to Heavy Rain)
	05/02/07 19:00 MST		0	32.4527N, 104.415W
High water in Rocky Arroyo flooded the intersection of New Mexico State Highway 137 and U.S. Highway 285.				
<b>LEA COUNTY</b>				
8.2 SE LOVINGTON	05/02/07 17:44 MST		0	Flash Flood (due to Heavy Rain)
	05/02/07 20:00 MST		0	32.8462N, 103.25W
Six to eight inches of water flowed over New Mexico Highway 18 and County Road 78.				
<b>An upper level closed low, a shortwave trough, and a low level southeasterly moisture fetch all converged over southeastern New Mexico and west Texas. All of this led to an organized Mesoscale Convective System that moved across the area dumping one to three inches of rain and resulting in massive flash flooding in Ector County. While the main threat, and most of the resulting damage was due to flash flooding, moderate to strong CAPE existed across the area and produced up to softball sized hail.</b>				
<b>EDDY COUNTY</b>				
CARLSBAD	05/08/07 01:12 MST		0	Flash Flood (due to Heavy Rain)
	05/08/07 08:12 MST		0	32.42N, 104.23W
Multiple reports of at least six inches of water flowing over several streets in the city of Carlsbad. The flooding continued for several hours.				
<b>EDDY COUNTY</b>				
ARTESIA	05/08/07 04:28 MST		0	Flash Flood (due to Heavy Rain)
	05/08/07 09:28 MST		0	32.83N, 104.4W
Heavy rainfall over the city of Artesia produced flash flooding, with streets flooded up to a foot deep.				
<b>EDDY COUNTY</b>				
4.0 S ARTESIA	05/08/07 05:30 MST		0	Thunderstorm Wind (EG 50 kt)
	05/08/07 05:30 MST		0	32.7722N, 104.4W
A 40 foot tall and three foot wide Elm tree was blown over. No other damage was reported.				
<b>LEA COUNTY</b>				
HOBBS	05/08/07 07:14 MST		0	Hail (0.88 in)
	05/08/07 07:14 MST		0	32.7N, 103.13W
<b>LEA COUNTY</b>				
HOBBS	05/08/07 08:26 MST		0	Flash Flood (due to Heavy Rain)
	05/08/07 10:26 MST		0	32.7N, 103.13W
Widespread street flooding occurred in Hobbs as a result of heavy rainfall.				
<b>LEA COUNTY</b>				
EUNICE	05/08/07 09:34 MST		0	Hail (1.75 in)
	05/08/07 09:34 MST		0	32.43N, 103.15W

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An upper level storm system remained quasi-stationary over portions of southeastern Arizona. Ahead of this upper low, an upper level disturbance moved around the periphery of the low and aided in the development of thunderstorms over southeastern New Mexico overnight. As the disturbance moved across southeastern New Mexico, thunderstorms developed southwestward into portions of southwest Texas.

Thunderstorms developed into an organized line that moved across much of West Texas producing strong to severe weather across a good portion of the Permian Basin. Rainfall rates of one to two inches per hour also resulted in flash flooding from portions of southeastern New Mexico eastward into the northern Permian Basin.

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### LEA COUNTY

HOBBS	05/26/07 15:57 MST		0	Hail (1.75 in)
	05/26/07 15:57 MST		0	32.7N, 103.13W

Quarter to golf ball sized hail fell in Hobbs.

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### LEA COUNTY

5.0 N HOBBS	05/26/07 16:59 MST		0	Hail (1.00 in)
	05/26/07 16:59 MST		0	32.7723N, 103.13W

Southwest flow aloft, unseasonably warm temperatures, and the development of a dryline combined to produce showers and thunderstorms across west Texas and southeastern New Mexico.

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### LEA COUNTY

6.0 W TATUM	05/31/07 17:22 MST		0	Hail (1.00 in)
	05/31/07 17:22 MST		0	33.25N, 103.424W

Quarter sized hail fell on Highway 380, six miles west of Tatum.

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### LEA COUNTY

TATUM	05/31/07 17:42 MST		0	Hail (1.00 in)
2.0 E GLADIOLA	05/31/07 17:42 MST		0	33.25N, 103.32W ~ 33.25N, 103.135W

Nickel to quarter size hail fell between Tatum and Gladiola.

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### LEA COUNTY

25.0 W EUNICE	05/31/07 17:52 MST		0	Hail (0.75 in)
	05/31/07 17:52 MST		0	32.43N, 103.578W

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### LEA COUNTY

2.0 E GLADIOLA	05/31/07 18:04 MST		0	Hail (1.00 in)
	05/31/07 18:04 MST		0	33.25N, 103.135W

Quarter sized hail reported at Western Bar & Grill.

A shortwave trough moved through the subtropical jet stream into west Texas and southeastern New Mexico. This combined with moderate levels of CAPE and deep layer shear to produce supercell thunderstorms.

## TEXAS, West

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### WINKLER COUNTY

0.6 W KERMIT	05/02/07 06:28 CST		0	Hail (0.88 in)
	05/02/07 06:28 CST		0	31.85N, 103.09W

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### LOVING COUNTY

0.7 N MENTONE	05/02/07 07:25 CST		0	Hail (0.88 in)
	05/02/07 07:25 CST		0	31.71N, 103.6W

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### WINKLER COUNTY

10.0 ENE KERMIT	05/02/07 07:30 CST		0	Hail (1.75 in)
17.0 ENE KERMIT	05/02/07 07:43 CST		0	31.9053N, 102.923W ~ 31.9441N, 102.813W

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Nickel to golfball sized hail fell in eastern Winkler County and stripped leaves off the trees.				
<b>ECTOR COUNTY</b>				
2.5 WSW NOTREES	05/02/07 07:43 CST		0	Hail (2.75 in)
	05/02/07 07:43 CST		0	31.9064N, 102.789W
Golfball to baseball sized hail fell on Texas Highway 302 near the Winkler and Ector County lines.				
<b>WINKLER COUNTY</b>				
17.5 ENE KERMIT	05/02/07 07:43 CST		0	Hail (2.75 in)
	05/02/07 07:43 CST		0	31.9468N, 102.805W
Golfball to baseball sized hail fell on Texas Highway 302 near the Winkler and Ector County lines.				
<b>WINKLER COUNTY</b>				
KERMIT	05/02/07 08:09 CST		0	Hail (0.88 in)
	05/02/07 08:14 CST		0	31.85N, 103.08W
<b>ECTOR COUNTY</b>				
10.0 WNW ODESSA	05/02/07 08:14 CST		0	Hail (1.75 in)
	05/02/07 08:14 CST		0	31.9053N, 102.527W
Golfball sized hail fell on Texas Highway 302.				
<b>WINKLER COUNTY</b>				
KERMIT	05/02/07 08:20 CST		20K	Flash Flood (due to Heavy Rain)
	05/02/07 11:30 CST		0	31.85N, 103.08W
Street flooding occurred within the city of Kermit with curb to curb flooding on Texas Highway 18. Several cars were stranded in high water in Kermit.				
<b>ECTOR COUNTY</b>				
WEST ODESSA	05/02/07 08:26 CST		0	Hail (1.75 in)
	05/02/07 08:26 CST		0	31.83N, 102.5W
<b>ECTOR COUNTY</b>				
ODESSA	05/02/07 08:30 CST		0.50M	Flash Flood (due to Heavy Rain)
	05/02/07 13:00 CST		0	31.85N, 102.37W
Widespread flooding occurred in Odessa on Wednesday morning including damage to at least 100 homes. The number of homes affected, vehicles stranded in high water, and several county buildings damaged by flooding prompted the Ector County Judge to declare a state of emergency in the county the following day.				
Damage to homes ranged from minimal wind and rain damage to up to two feet of water inside homes. Several vehicles were stranded in anywhere from two to four feet of water. Eleven inches of water pooled in the basement of the Ector County Library while two to three inches was found in the Ector County Health Department. On the following day, newspapers reported that 25 to 40 families sought assistance from the American Red Cross. Ector County Road, Bridge, and Traffic Department employees worked overtime pumping water out of flooded streets on subsequent days.				
During the storm, high schools closed their campuses to off campus travel, prompting a need for food to be delivered to the campuses to feed all the students who normally travel off campus for lunch. Odessa firefighters and EMS personnel responded to 95 calls for high water rescues during these storms.				
<b>ECTOR COUNTY</b>				
GOLDSMITH	05/02/07 08:32 CST		0	Hail (0.88 in)
	05/02/07 08:32 CST		0	31.98N, 102.62W
<b>ECTOR COUNTY</b>				
ODESSA	05/02/07 08:40 CST		0	Hail (1.75 in)
	05/02/07 08:48 CST		0	31.85N, 102.37W
Penny to golfball sized hail fell in the city of Odessa.				
<b>ECTOR COUNTY</b>				

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
3.8 WSW WEST ODESSA	05/02/07 08:42 CST		0	Hail (2.00 in)
	05/02/07 08:42 CST		0	31.8093N, 102.559W
Lime sized hail fell at the intersection of University and Farm to Market Road 866.				
<b>ECTOR COUNTY</b>				
ODESSA	05/02/07 08:46 CST		0	Hail (4.25 in)
	05/02/07 08:46 CST		0	31.85N, 102.37W
Softball sized hail was reported on Farm to Market road 1936, one mile north of Interstate 20.				
<b>ECTOR COUNTY</b>				
ODESSA ECTOR CO ARPT	05/02/07 08:53 CST		0	Thunderstorm Wind (MG 52 kt)
	05/02/07 08:53 CST		0	31.92N, 102.38W
The ASOS in Odessa reported a 60 mph wind gust.				
<b>ECTOR COUNTY</b>				
ODESSA	05/02/07 08:58 CST		0	Hail (1.75 in)
	05/02/07 09:03 CST		0	31.85N, 102.37W
Penny to golfball sized hail fell in Odessa.				
<b>MIDLAND COUNTY</b>				
1.0 SW (MAF) MIDLAND INTL (MAF) MIDLAND INTL	05/02/07 09:11 CST		0	Hail (1.00 in)
	05/02/07 09:29 CST		0	31.9198N, 102.212W ~ 31.93N, 102.2W
<b>MIDLAND COUNTY</b>				
5.0 WSW (MAF) MIDLAND INTL	05/02/07 09:11 CST		0	Thunderstorm Wind (EG 61 kt)
	05/02/07 09:11 CST		0	31.9023N, 102.279W
One power pole was downed by 70 mph winds in Midland County.				
<b>ECTOR COUNTY</b>				
5.0 NE ODESSA	05/02/07 09:12 CST		30K	Thunderstorm Wind (MG 58 kt)
	05/02/07 09:12 CST		0	31.9011N, 102.31W
A 67 mph wind gust was reported at KOSA CBS 7 Studios in Odessa. Fifteen utility poles were downed by these winds as well as a section of concrete block wall at a warehouse in Odessa. In addition, an estimated 90 mph wind gust was reported in Odessa.				
<b>ECTOR COUNTY</b>				
5.0 ENE ODESSA ECTOR CO ARPT	05/02/07 09:13 CST		0	Hail (1.00 in)
	05/02/07 09:13 CST		0	31.9477N, 102.301W
<b>ECTOR COUNTY</b>				
5.0 SW ODESSA	05/02/07 09:19 CST		0	Hail (2.75 in)
	05/02/07 09:19 CST		0	31.7989N, 102.43W
Baseball sized hail fell at the intersection of I-20 and West Loop 338.				
<b>WARD COUNTY</b>				
GRANDFALLS	05/02/07 09:51 CST		0	Hail (0.75 in)
	05/02/07 09:51 CST		0	31.33N, 102.87W
<b>MIDLAND COUNTY</b>				
0.7 S MIDLAND	05/02/07 09:55 CST		0	Hail (1.00 in)
	05/02/07 10:00 CST		0	31.99N, 102.08W
<b>MIDLAND COUNTY</b>				
MIDLAND	05/02/07 10:04 CST		20K	Flash Flood (due to Heavy Rain)
	05/02/07 12:30 CST		0	32N, 102.08W

## Storm Data and Unusual Weather Phenomena - May 2007

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Many streets flooded in Midland, including: Garden City Highway and Business 20 access road. A car was submerged at the intersection of A street and Neely. There were also cars submerged at the intersection of Business 20 and Farm to Market Road 1788 and on Wadley Avenue. The underpass at Loop 250 and Texas Highway 191 was also submerged and impassable. Six to eight inches of water covered the intersection of Farm to Market roads 307 and 1379.				
<b>UPTON COUNTY</b>				
9.0 SW MIDKIFF	05/02/07 10:28 CST		0	Hail (0.75 in)
	05/02/07 10:31 CST		0	31.538N, 101.958W
<b>GLASSCOCK COUNTY</b>				
ST LAWRENCE	05/02/07 10:40 CST		0	Thunderstorm Wind (EG 52 kt)
	05/02/07 10:40 CST		0	31.67N, 101.5W
60 mph winds were reported in St. Lawrence. No damage was reported.				
<b>REAGAN COUNTY</b>				
12.6 N STILES	05/02/07 11:00 CST		0	Hail (0.75 in)
	05/02/07 11:40 CST		0	31.5819N, 101.58W
Deputy Sheriff reported penny sized hail at the North Reagan Fire Station from noon to 12:40pm.				
<b>REAGAN COUNTY</b>				
4.9 S STILES	05/02/07 11:08 CST		0	Hail (1.00 in)
	05/02/07 11:08 CST		0	31.3294N, 101.58W
<b>HOWARD COUNTY</b>				
(BGS)BIG SPRING ARPT	05/02/07 11:10 CST		0	Flash Flood (due to Heavy Rain)
	05/02/07 13:00 CST		0	32.3N, 101.43W
Widespread flooding occurred in Big Spring, including 6 inches of running water on several roads.				
<b>CULBERSON COUNTY</b>				
3.1 SE PINE SPGS	05/02/07 14:25 CST		0	Hail (1.00 in)
	05/02/07 14:30 CST		0	31.848N, 104.762W
Penny to quarter sized hail fell southeast of Guadalupe National Park.				
<b>CULBERSON COUNTY</b>				
14.7 E PINE SPGS	05/02/07 14:34 CST		0	Hail (1.00 in)
	05/02/07 14:34 CST		0	31.88N, 104.55W
Quarter sized hail fell near the intersection of U.S. Highway 62/180 and Farm to Market Road 652.				
<b>JEFF DAVIS COUNTY</b>				
19.0 NNE FT DAVIS	05/02/07 17:00 CST		0	Hail (2.75 in)
	05/02/07 17:00 CST		0	30.8338N, 103.758W
Golfball to baseball hail fell at the intersection of Texas Highway 17 and Buffalo Trail Boy Scout Camp Road.				
<b>JEFF DAVIS COUNTY</b>				
30.0 NW FT DAVIS	05/02/07 17:25 CST		0	Hail (1.75 in)
	05/02/07 17:25 CST		0	30.8867N, 104.237W
<b>JEFF DAVIS COUNTY</b>				
18.0 N FT DAVIS	05/02/07 18:15 CST		0	Hail (1.75 in)
	05/02/07 18:15 CST		0	30.8405N, 103.88W
Golfball sized hail fell at the Buffalo Trail Boy Scout Camp.				

**An upper level closed low, an upper level disturbance, and low level moisture all converged over southeastern New Mexico and west Texas. All of this led to a Mesoscale Convective System that moved over the area dumping one to three inches of rain and resulting in massive flash flooding in Ector County. While the main threat, and most of the resulting damage was due to flash flooding, moderate to strong instability existed across the area and produced up to softball size hail.**

## Storm Data and Unusual Weather Phenomena - May 2007

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<b>DAWSON COUNTY</b>				
10.0 NE LAMESA	05/05/07 19:58 CST		0	Hail (0.75 in)
	05/05/07 19:58 CST		0	32.8322N, 101.828W
Penny sized hail fell northeast of Lamesa.				
<b>Penny size hail fell northeast of Lamesa.</b>				
<b>REAGAN COUNTY</b>				
BIG LAKE LAKE	05/06/07 19:45 CST		0	Hail (0.75 in)
	05/06/07 19:45 CST		0	31.17N, 101.48W
<b>PECOS COUNTY</b>				
25.0 SE FT STOCKTON	05/06/07 20:55 CST		0	Hail (1.50 in)
	05/06/07 20:55 CST		0	30.6244N, 102.573W
<b>Showers and thunderstorms initiated along a dryline that stretched north to south across west Texas. The atmosphere east of the dryline was unstable and storms quickly became severe.</b>				
<b>MIDLAND COUNTY</b>				
MIDLAND	05/07/07 19:35 CST		0	Hail (1.00 in)
	05/07/07 19:55 CST		0	32N, 102.08W
Pea to quarter sized hail fell throughout the city of Midland.				
<b>Elevated convection developed atop a stable boundary layer. Steep mid-level lapse rates, strong CAPE values, and good deep layer shear allowed these storms to become severe.</b>				
<b>GAINES COUNTY</b>				
1.0 W SEMINOLE	05/08/07 10:09 CST		0	Hail (0.88 in)
	05/08/07 10:09 CST		0	32.72N, 102.667W
<b>GAINES COUNTY</b>				
2.0 N SEMINOLE	05/08/07 10:10 CST		0	Thunderstorm Wind (MG 54 kt)
	05/08/07 10:10 CST		0	32.7489N, 102.65W
62 mph winds were measured by the West Texas Mesonet. Numerous tree limbs were downed across Seminole.				
<b>GAINES COUNTY</b>				
SEMINOLE	05/08/07 10:27 CST		25K	Flash Flood (due to Heavy Rain)
SEAGRAVES	05/08/07 13:27 CST		0	32.72N, 102.65W ~ 32.93N, 102.55W
Moderate street flooding with two feet of water flowing through the streets in the city of Seminole occurred due to heavy rainfall and resulted in local officials closing many streets. Several vehicles were underwater. Water damage occurred at Seminole Primary School from floodwaters. U.S. Highway 385 was closed due to high water just north of Seminole. The eastbound lanes of U.S. Highway 180 out of Seminole also were closed. At least one high water rescue was performed in Seminole. Numerous intersections were flooded and closed by police in Seagraves.				
<b>WARD COUNTY</b>				
PYOTE	05/08/07 11:00 CST		0	Hail (1.75 in)
	05/08/07 11:00 CST		0	31.53N, 103.13W
<b>LOVING COUNTY</b>				
MENTONE	05/08/07 11:20 CST		0	Hail (1.00 in)
	05/08/07 11:20 CST		0	31.7N, 103.6W
<b>WINKLER COUNTY</b>				
WINK	05/08/07 11:30 CST		5K	Flash Flood (due to Heavy Rain)
	05/08/07 14:30 CST		0	31.75N, 103.15W
Significant street flooding, up to 3 feet, occurred in the town of Wink due to heavy rainfall. Several vehicles were stranded in high water. At least one home had floodwaters on the 1st floor that had to be pumped out.				
<b>WARD COUNTY</b>				

## Storm Data and Unusual Weather Phenomena - May 2007

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MONAHANS	05/08/07 12:12 CST		0	Hail (0.88 in)
	05/08/07 12:12 CST		0	31.58N, 102.9W
<b>ECTOR COUNTY</b>				
WEST ODESSA	05/08/07 12:13 CST		0	Flash Flood (due to Heavy Rain)
	05/08/07 16:13 CST		0	31.83N, 102.5W
Widespread flooding occurred in West Odessa due to heavy rainfall.				
<b>ECTOR COUNTY</b>				
WEST ODESSA	05/08/07 12:15 CST		0	Hail (0.88 in)
	05/08/07 12:15 CST		0	31.83N, 102.5W
<b>PECOS COUNTY</b>				
IMPERIAL	05/08/07 12:26 CST		0	Thunderstorm Wind (EG 50 kt)
	05/08/07 12:26 CST		0	31.27N, 102.68W
Strong winds blew large limbs off a well established tree. No other damage was reported.				
<b>DAWSON COUNTY</b>				
LAMESA	05/08/07 12:35 CST		0	Thunderstorm Wind (EG 52 kt)
	05/08/07 12:35 CST		0	32.73N, 101.95W
The Dawson County emergency manager reported 60 mph winds in Lamesa. No damage was reported.				
<b>DAWSON COUNTY</b>				
LAMESA	05/08/07 12:36 CST		0	Hail (0.75 in)
	05/08/07 12:36 CST		0	32.73N, 101.95W
<b>MIDLAND COUNTY</b>				
MIDLAND	05/08/07 13:00 CST		5K	Thunderstorm Wind (EG 50 kt)
	05/08/07 13:15 CST		0	32N, 102.08W
A tree with a twelve inch trunk was blown to a 45 degree angle. In addition, a fifteen to twenty foot section of cinder block fence was blown over in a neighbor's yard.				
<b>DAWSON COUNTY</b>				
ACKERLY	05/08/07 13:10 CST		8K	Flash Flood (due to Heavy Rain)
LAMESA	05/08/07 15:10 CST		0	32.52N, 101.72W ~ 32.73N, 101.95W
Water up to one and a half feet deep flowed across roads in Ackerly. Flash flooding was also reported in Lamesa with six to eight inches of water flowing over U.S. Highway 180. Several vehicles were stranded in high water after trying to drive through low water crossings. An additional vehicle had to be towed after the driver misjudged the location of the water covered road and drove into a ditch.				
<b>MIDLAND COUNTY</b>				
MIDLAND	05/08/07 13:29 CST		0	Flash Flood (due to Heavy Rain)
	05/08/07 15:29 CST		0	32N, 102.08W
Widespread flash flooding occurred in Midland including along Farm to Market Road 662.				
<b>MIDLAND COUNTY</b>				
7.0 S MIDLAND	05/08/07 13:35 CST		0	Hail (0.75 in)
	05/08/07 13:35 CST		0	31.8988N, 102.08W
Penny sized hail was reported at the intersection of Farm to Market Road 1239 and Texas Highway 349.				
<b>HOWARD COUNTY</b>				
BIG SPRING	05/08/07 13:42 CST		0	Flash Flood (due to Heavy Rain)
	05/08/07 17:42 CST		0	32.25N, 101.47W
Multiple reports of flooding due to heavy rainfall near Big Spring were recieved.				
<b>HOWARD COUNTY</b>				

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BIG SPRING	05/08/07 14:00 CST		0	Hail (0.88 in)
	05/08/07 14:00 CST		0	32.25N, 101.47W
<b>MARTIN COUNTY</b>				
3.0 W TARZAN	05/08/07 14:10 CST		0	Flash Flood (due to Heavy Rain)
	05/08/07 16:10 CST		0	32.3N, 102.021W
Farm to Market Road 846 just off State Highway 137 and Farm to Market Road 1212 at State Highway 176 were under water and impassable due to heavy rainfall.				
<b>UPTON COUNTY</b>				
MC CAMEY	05/08/07 14:16 CST		0	Thunderstorm Wind (EG 52 kt)
	05/08/07 14:16 CST		0	31.13N, 102.23W
Multiple reports of estimated wind speeds of 60 mph on Texas Highway 349. No damage was reported.				
<b>GLASSCOCK COUNTY</b>				
15.0 S GARDEN CITY	05/08/07 14:29 CST		0	Thunderstorm Wind (MG 54 kt)
	05/08/07 14:29 CST		0	31.6531N, 101.5W
A 62 mph wind gust was reported from the Reagon and Glasscock County line. No damage was reported.				
<b>REAGAN COUNTY</b>				
20.0 NNE STILES	05/08/07 14:29 CST		0	Thunderstorm Wind (MG 54 kt)
	05/08/07 14:29 CST		0	31.6671N, 101.45W
A 62 mph wind gust was reported from the Reagon and Glasscock County line. No damage was reported.				
<b>BREWSTER COUNTY</b>				
2.0 SE STUDY BUTTE	05/08/07 15:05 CST		0	Hail (1.75 in)
	05/08/07 15:15 CST		0	29.2996N, 103.507W
Golfball sized hail fell at Terlingua High School.				
<b>MITCHELL COUNTY</b>				
COLORADO CITY	05/08/07 15:16 CST		0	Flash Flood (due to Heavy Rain)
	05/08/07 17:16 CST		0	32.4N, 100.85W
Minor to major street flooding as a result of heavy rainfall was reported in Colorado City.				
<b>BREWSTER COUNTY</b>				
CASTOLON	05/08/07 15:28 CST		0	Hail (3.00 in)
	05/08/07 15:35 CST		0	29.13N, 103.52W
Golfball to apple sized hail fell at Cottonwood Campground in Big Bend National Park.				
<b>SCURRY COUNTY</b>				
4.0 W IRA	05/08/07 15:30 CST		0	Flash Flood (due to Heavy Rain)
	05/08/07 17:30 CST		0	32.58N, 101.069W
Reports of flooding were received near the city of Ira on Farm to Market Road 1606.				
<b>REAGAN COUNTY</b>				
BIG LAKE	05/08/07 16:02 CST		0	Flash Flood (due to Heavy Rain)
	05/08/07 18:02 CST		0	31.2N, 101.47W
Many low water crossings in Big Lake had water flowing up to one foot deep from heavy rainfall.				
<b>ANDREWS COUNTY</b>				
ANDREWS	05/08/07 16:10 CST		0	Flash Flood (due to Heavy Rain)
	05/08/07 18:10 CST		0	32.32N, 102.55W
Widespread flooding occurred across the city of Andrews resulting in one high water rescue after a motorist became stranded in high waters.				

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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An upper level storm system remained quasi-stationary over portions of southeastern Arizona. Ahead of this upper low, an upper level disturbance moved around the periphery of the low which aided in the development of thunderstorms over southeastern New Mexico overnight. As the shortwave moved across southeastern New Mexico, thunderstorms developed southwestward into portions of southwest Texas.

Thunderstorms developed into an organized line that moved across much of the county warning area, producing strong to severe weather across a good portion of the Permian Basin. Rainfall rates of one to two inches per hour resulted in flash flooding which extended from portions of southeastern New Mexico eastward.

### ECTOR COUNTY

ODESSA	05/09/07 04:09 CST		10K	Flash Flood (due to Heavy Rain)
4.0 SW ODESSA	05/09/07 13:00 CST		0	31.85N, 102.37W ~ 31.8091N, 102.418W

Flash flooding was reported in many areas of Odessa. Six to eight inches of water was flowing along Penbrook Street behind the Target. Grant Street was reported as impassable between Interstate 20 and Business 20. The service road on the north side of Interstate 20 near Farm to Market Road 1936 was closed by local officials because of a foot to a foot and a half of water flowing over the road. The intersection of University and Adams was also affected by flooding. At least one high water rescue was performed by the Odessa Fire Department. This occurred at the intersection of Tom Green Avenue and 21st Street.

The Knox Village community in West Odessa is in a naturally low spot and accesible by one road that crosses the Monahans Draw. West Odessa firefighters asked residents to voluntarily evacuate as continued flooding in Monahans Draw would limit their access to the community. Residents who evacuated were sent to a nearby firehouse.

### BREWSTER COUNTY

8.0 SE ALPINE	05/09/07 07:05 CST		0	Hail (1.00 in)
8.0 S ALPINE	05/09/07 07:14 CST		0	30.2882N, 103.575W ~ 30.2543N, 103.67W

Nickel to quarter sized hail fell south of Alpine.

### MARTIN COUNTY

11.0 W TARZAN	05/09/07 09:55 CST		0	Flash Flood (due to Heavy Rain)
16.0 ENE TARZAN	05/09/07 12:00 CST		0	32.3N, 102.158W ~ 32.3885N, 101.717W

The Martin County Sheriff's Office advised against traveling anywhere in the county north of Texas Highway 176 as most of the roads were underwater.

### MIDLAND COUNTY

MIDLAND	05/09/07 10:23 CST		15K	Flash Flood (due to Heavy Rain)
	05/09/07 13:00 CST		0	32N, 102.08W

Numerous streets in Midland were flooded with roads in downtown Midland experiencing curb to curb flooding while other streets in Midland were impassable except for the center turn lane. Some other roads that flooded include the North Service Road of Business 20, Farm to Market Road 1788 south of Interstate 20, Texas Highway 349, and Farm to Market Road 307. At least one home south of Midland had water up to one inch deep inside the house.

**A dryline extended southward across the eastern Permian Basin and the lower Trans-Pecos region. Showers and thunderstorms initiated along the dryline and produced heavy rainfall. Because this event followed major flooding in Ector County on both May 2 and May 8, additional heavy rainfall in this area caused extensive problems across much of Ector County.**

### CULBERSON COUNTY

(GDP)GUADALUPE PASS	05/15/07 04:42 CST		0	Thunderstorm Wind (MG 55 kt)
	05/15/07 04:51 CST		0	31.8N, 104.8W

The Automated Surface Observing System at Guadalupe Pass recorded several wind gusts of 63 mph. No damage was reported.

### JEFF DAVIS COUNTY

17.0 W FT DAVIS	05/15/07 12:30 CST		0	Hail (0.88 in)
	05/15/07 12:30 CST		0	30.58N, 104.165W

Penny to nickel sized hail fell on Texas State Highway 166 west of Fort Davis.

### PRESIDIO COUNTY

2.0 NW RYAN	05/15/07 13:00 CST		0	Hail (0.88 in)
	05/15/07 13:00 CST		0	30.4404N, 104.304W

Nickel sized hail and a wind gust of 51 mph were reported at the Marfa Aerostat.

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>PRESIDIO COUNTY</b>				
1.0 SW MARFA	05/15/07 14:15 CST		0	Hail (0.75 in)
	05/15/07 14:15 CST		0	30.3098N, 104.032W
Showers and thunderstorms developed along the higher terrain of eastern New Mexico and spread eastward across southeastern New Mexico and west Texas.				
<b>JEFF DAVIS COUNTY</b>				
13.0 WNW FT DAVIS	05/18/07 15:05 CST		0	Hail (1.00 in)
	05/18/07 15:05 CST		0	30.6519N, 104.082W
Quarter sized hail covered the ground and was two inches deep. Also, trees were partially stripped of their leaves.				
Quarter sized hail covered the ground and was 2 inches deep. Also, trees were partially stripped of their leaves.				
<b>JEFF DAVIS COUNTY</b>				
4.0 W FT DAVIS	05/19/07 14:50 CST		0	Hail (0.75 in)
	05/19/07 14:50 CST		0	30.58N, 103.947W
<b>PRESIDIO COUNTY</b>				
5.0 W MARFA	05/19/07 17:50 CST		0	Hail (1.75 in)
	05/19/07 17:50 CST		0	30.32N, 104.104W
Golfball sized hail fell on U.S. Highway 90 for a duration of ten minutes.				
Low level convergence, especially along the mountains of west Texas and southeastern New Mexico contributed to thunderstorms forming across the Davis Mountains and the Big Bend region. A very dry sub-cloud layer produced conditions conducive for severe thunderstorm winds.				
<b>JEFF DAVIS COUNTY</b>				
14.0 WNW FT DAVIS	05/20/07 19:28 CST		0	Hail (0.88 in)
	05/20/07 19:28 CST		0	30.6575N, 104.097W
<b>JEFF DAVIS COUNTY</b>				
14.0 WNW FT DAVIS	05/20/07 19:28 CST		0	Thunderstorm Wind (MG 62 kt)
	05/20/07 19:28 CST		0	30.6575N, 104.097W
A 71 mph gust was measured by a trained spotter. No damage was reported.				
<b>REEVES COUNTY</b>				
20.0 WNW BALMORHEA	05/20/07 19:30 CST		0	Flash Flood (due to Heavy Rain)
	05/20/07 21:30 CST		0	31.0906N, 104.042W
Flooding occurred over both lanes of I-10 between mile markers 185 and 186 at the Reeves/Jeff Davis County line.				
<b>JEFF DAVIS COUNTY</b>				
FT DAVIS	05/20/07 19:35 CST		0	Thunderstorm Wind (MG 54 kt)
	05/20/07 19:35 CST		0	30.58N, 103.88W
A 62 mph wind gust was reported by the media at McDonald Observatory. No damage was reported.				
A 62 mph gust was measured at the McDonald Observatory. No damage was reported.				
<b>PRESIDIO COUNTY</b>				
24.0 SW MARFA	05/24/07 16:30 CST		0	Hail (2.50 in)
	05/24/07 16:30 CST		0	30.0747N, 104.304W
Tennis ball sized hail fell along Farm to Market Road 2810.				
<b>JEFF DAVIS COUNTY</b>				
17.0 NW FT DAVIS	05/24/07 17:52 CST		0	Thunderstorm Wind (MG 52 kt)
	05/24/07 18:07 CST		0	30.7538N, 104.082W
A 60 mph wind gust was reported at the McDonald Observatory. No damage was reported.				

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>PRESIDIO COUNTY</b>				
PRESIDIO	05/24/07 18:20 CST		0	Hail (0.75 in)
	05/24/07 18:20 CST		0	29.55N, 104.37W
<b>PECOS COUNTY</b>				
FT STOCKTON	05/24/07 18:21 CST		0	Hail (0.88 in)
	05/24/07 18:21 CST		0	30.88N, 102.87W
<b>MIDLAND COUNTY</b>				
(MAF) MIDLAND INTL	05/24/07 22:22 CST		0	Hail (0.88 in)
	05/24/07 22:22 CST		0	31.93N, 102.2W
Penny to nickel sized hail was reported at the NWS Office in Midland.				
<b>TERRELL COUNTY</b>				
(P07)SANDERSON	05/24/07 23:46 CST		0	Hail (0.75 in)
	05/24/07 23:46 CST		0	30.15N, 102.4W
<b>TERRELL COUNTY</b>				
34.0 NE DRYDEN	05/25/07 02:20 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 04:20 CST		0	30.3976N, 101.718W
A low water crossing over the Pecos River, nine miles east of the Terrell Gas Plant, was flooded and impassable.				
<b>BREWSTER COUNTY</b>				
MARATHON	05/28/07 15:07 CST		0	Hail (0.75 in)
	05/28/07 15:07 CST		0	30.2N, 103.25W
<b>CULBERSON COUNTY</b>				
2.0 NNW (GDP)GUADALUPE PASS	05/28/07 15:49 CST		0	Thunderstorm Wind (MG 55 kt)
	05/28/07 15:51 CST		0	31.8267N, 104.813W
The Automated Surface Observing System at Guadalupe Pass (KGDP) recorded several wind gusts of 63 mph. No damage reported.				
<b>PECOS COUNTY</b>				
FT STOCKTON	05/28/07 16:00 CST		0	Hail (0.75 in)
	05/28/07 16:00 CST		0	30.88N, 102.87W
<b>WINKLER COUNTY</b>				
1.0 N WINK (INK)WINKLER CO ARPT	05/28/07 18:46 CST		0	Thunderstorm Wind (MG 51 kt)
	05/28/07 18:56 CST		0	31.7645N, 103.15W ~ 31.78N, 103.2W
The Automated Surface Observing System at Wink (KINK) recorded several wind gusts of 59 mph. No damage was reported.				
<b>HOWARD COUNTY</b>				
BIG SPRING	05/28/07 21:09 CST		0	Hail (1.75 in)
	05/28/07 21:10 CST		0	32.25N, 101.47W
Penny to golfball sized hail fell in Big Spring.				
An upper level trough moved through the Rockies and combined with a dryline stretched across the Trans-Pecos and Big Bend regions to produce showers and thunderstorms across west Texas.				
<b>PECOS COUNTY</b>				
8.0 S COYANOSA	05/31/07 17:09 CST		0	Hail (0.88 in)
	05/31/07 17:09 CST		0	31.0543N, 103W
A shortwave trough embedded within a subtropical moisture plume interacted with moderate levels of CAPE and deep layer shear to produce supercell thunderstorms.				